

Figure 1

A.

1 MEDLDQSPLV SSSDSPPRPQ PAFKYOFVRE PEDEEEEEEE EEEDEDDEDLE
51 ELEVLERKPA AGLSAAPVPT APAAGAPLMD FGNDVFVPPAP RGPLPAAPPV
101 APERQPSWDP SPVSSTVPAP SPLSAAAASP SKLPEDDEPP ARPPPPPAS
151 VSPQAEPVWT PPAPAPAAAPP STPAAPKRRG SSGSVVVDLL YWRDIKKTGV
201 VFGASLFLLL SLTVFSIVSV TAYIALALLS VTISFRIYKG VIQAIQKSDE
251 GHPFRAYLES EVAISEELVQ KYSNSALGHV NCTIKELRRL FLVDDLVDSDL
301 KFAVLMWVFT YVGALFNGLT LLILALISLF SVPVIYERHQ AQIDHYLGLA
351 NKNVKDAMAK IQAKIPGLKR KAE

B.

1 NSP-B MAAEDALPSG YVSFGHVGGP PPS PASPSIQ YSILREERA ELDSE.....
SPERP .. MEDLDQSP LVS.... SSD SPPRPQPAFK YQFVREPEDE EEEEEEEED 50
51 NSP-B LIIESCDASS ASEESPKREQ DSPPMK.... PSALDAIR
SPERP EDEDLEELEV LERKPAAGLS AAPVPTAPAA GAPLMDFGND FVPPAPRGPL 100
101 NSP-B EETGVRAEER APSRRGLAEP GSFLDYPSTE PQPGPELPPG DGALEPETPM
SPERP PAAPPVAPER QPSWDPSPVSTV...PAPS PLSAAAVSPS KLPEDDEPPA 150
151 NSP-B LPRKPEEDSS SNQSPAATKG PGPLGPAPP PLLFLNKQKA IDLL
SPERP RPPPPPASV SPQAEPVWTP PAP.APAAPP STPAAPKRRG SSGSVVVDLL 200
201 NSP-B YWRDIKQTGI VFGSFLLLLF SLTQFSVVSV VAYLALAALS ATISFRIYKS
SPERP YWRDIKKTGV VFGASLFLLL SLTVFSIVSV TAYIALALLS VTISFRIYKG 250
251 NSP-B VLOAQVQKTDE GHPFKAYLEL EITLSQEIQIO KYTDCLQFYV NSTLKELRRL
SPERP VIQAIQKSDE GHPFRAYLES EVAISEELVQ KYSNSALGHV NCTIKELRRL 300
301 NSP-B FLVQDLVDSL KFAVLMWLLT YVGALFNGLT LLLMAVVSMF TLPVVYVKHQ
SPERP FLVDDLVDSL KFAVLMWVFT YVGALFNGLT LLILALISLF SVPVIYERHQ 350
351 NSP-B AQIDQYIQLGLV RTHINAVVAK IQAKIPGAKR HAE
SPERP AQIDHYLGLA NKNVKDAMAK IQAKIPGLKR K 383

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Figure 1

C.

FLIP
1LtvLsL1PfilimmTSF1KisiVLs11RNALGvQQvPPNmvlYGlA
1 +LsL +f ++ +T+++ AL
+L+++
SPERP 206 LFLLLSTVFSIVSVTAYI-----AL-----
ALLSVT 232

FLIP
LfLT1FVMaPvfeeiydrahqplldalsniis1qealdkglePlReFmlk
+ ++iy+ ++q +++ +d+g P+R
++
SPERP 233 -----ISFRIYKGVIQAIQK-----SDEG-
HPFRAYLES 260

FLIP
htdekh.elalFmrsareerlwPkemkaatlekddLlvLiPAFvlSELkr
+ +++ +sa + t++
EL+r
SPERP 261 EVAISEeLVQKYSNSA-----LGHVNCTIK-----
ELRR 289

FLIP
AFeIGFLiYLPIVIDLVVAsiLMAMGMmMvpPvtISLPFKLLLFV....
F+V DLV SL F 1 V
+
SPERP 290 -----LFLVDDLVD-----
SLKFAVLMWVftyv 312

FLIP ..LvDGWtLLLggLv
+ L +G tLL+ L+
SPERP 313 gaLFNGLTLLLILALI 327

Figure 2

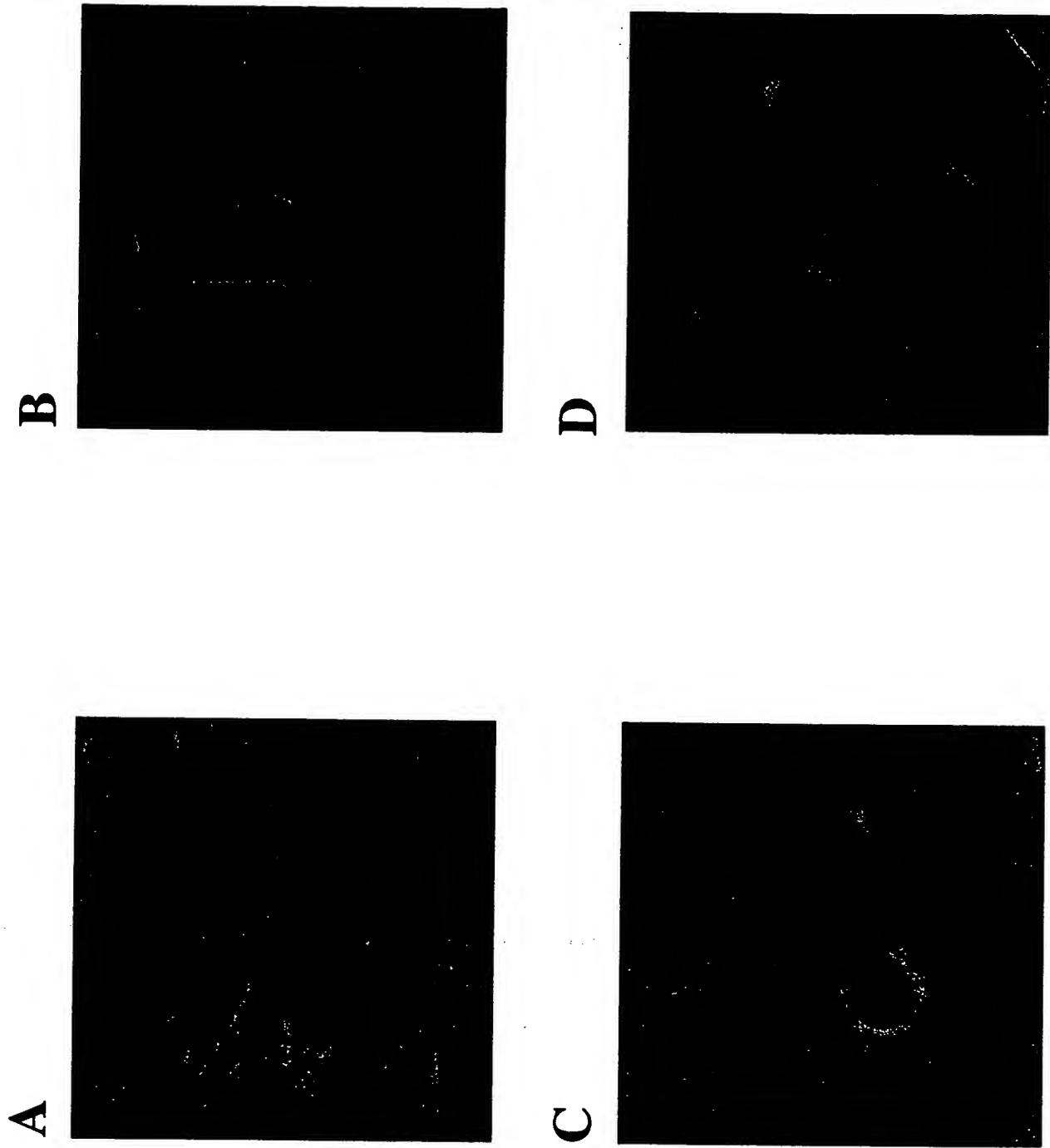


Figure 2

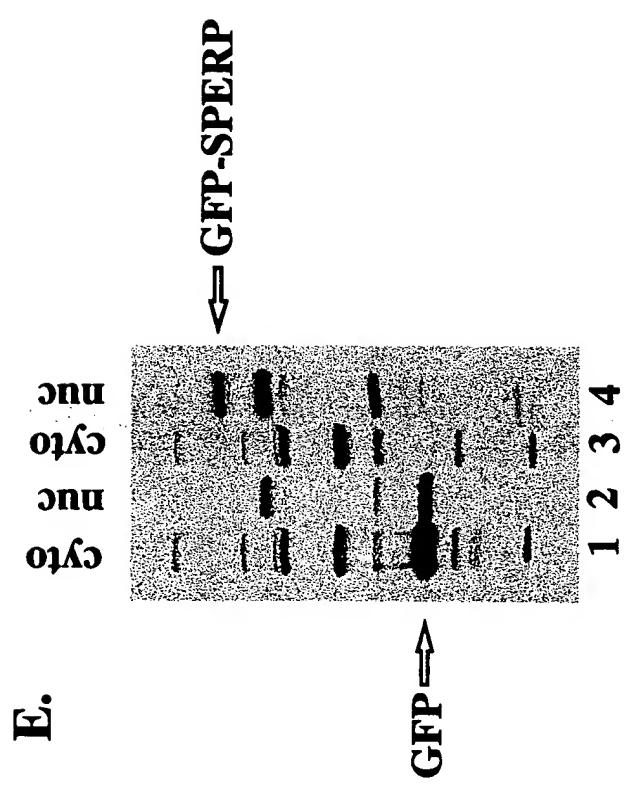


Figure 3

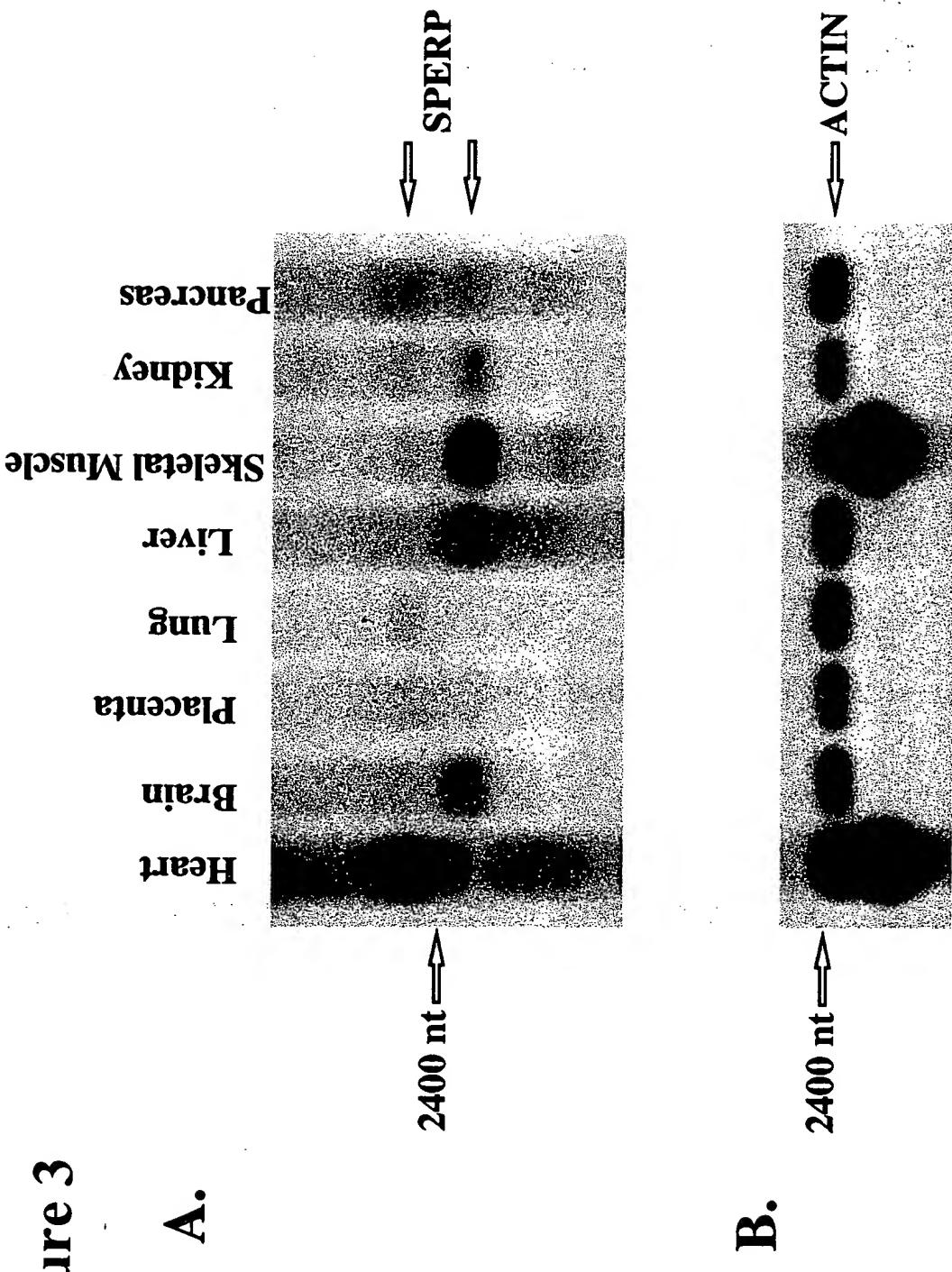


Figure 4

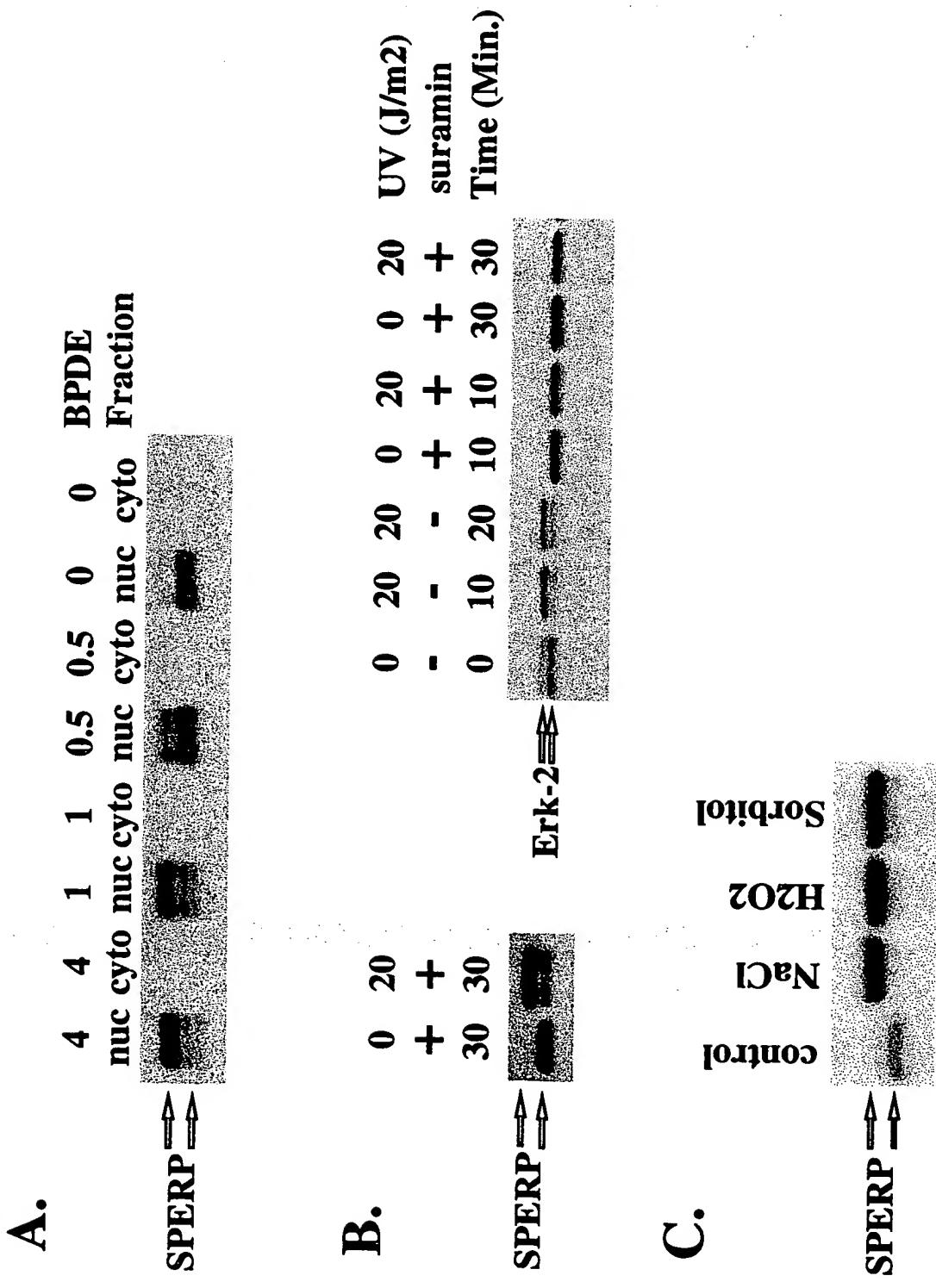


Figure 5

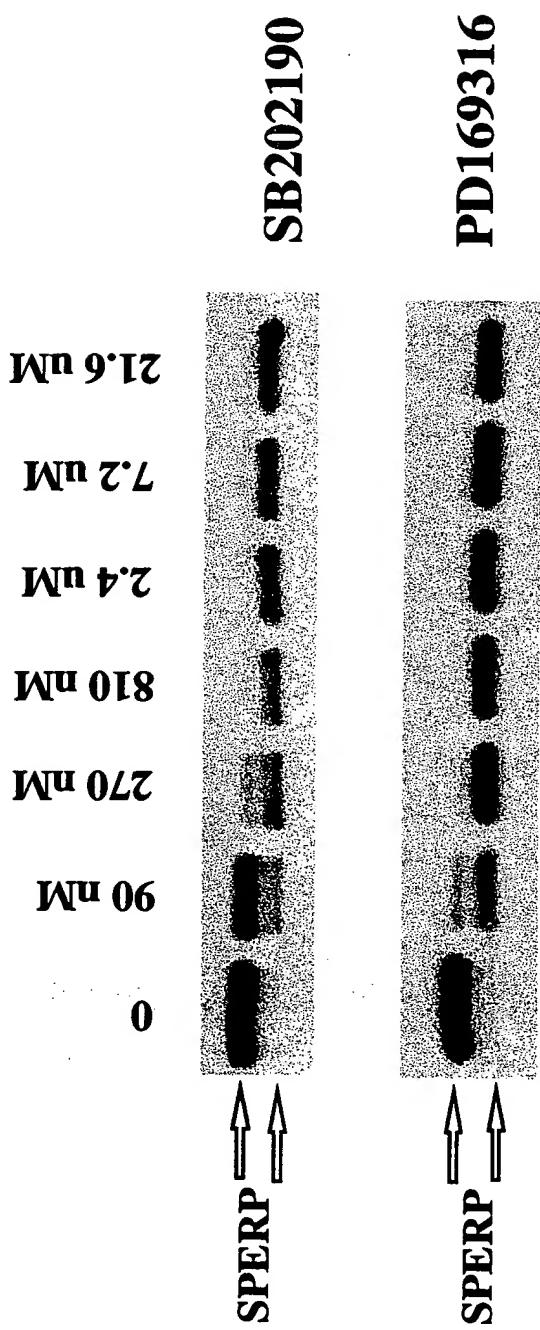


Figure 6

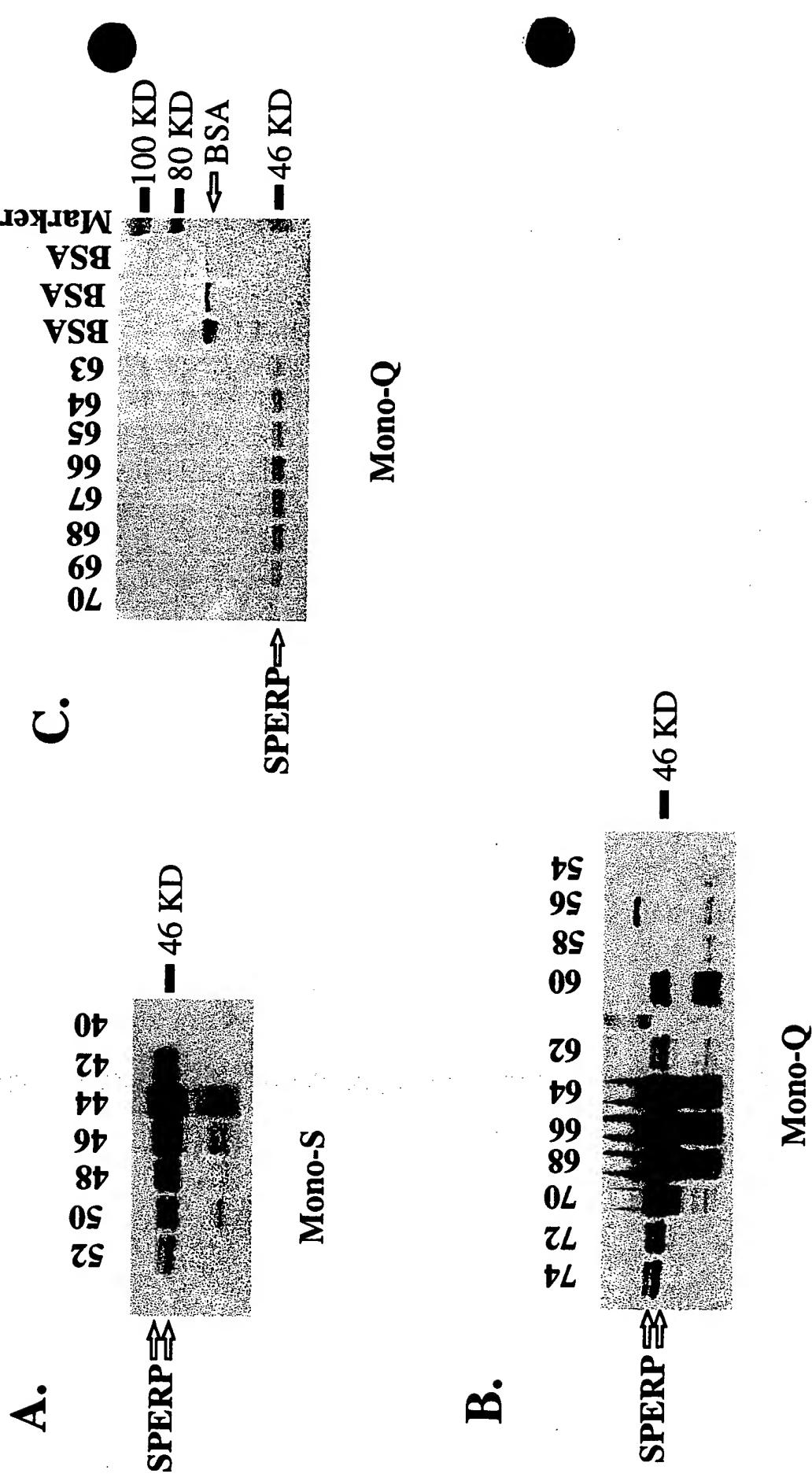
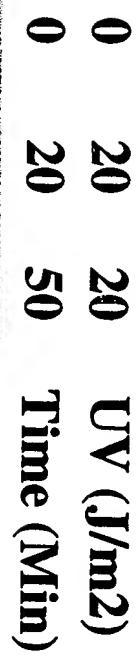


Figure 7



!

SPERP

— 46 KD

Cdc2

This image consists of a high-contrast, black-and-white pattern. It features two prominent, dark, vertical shapes: one on the left and one on the right. The background is filled with a dense, grainy texture, possibly representing noise or a specific type of surface. The overall effect is abstract and minimalist.

—33 KD

6

**Senescing
nuc**
**Senescing
cyto**
**G1-20
nuc**
**G1-20
cyto**
**G1-0
nuc**
**G1-0
cyto**

SPERP

C.	
+	
-	
-	0
-	1
-	2
-	5
CIAP	vanadate

SPERP

Figure 8.

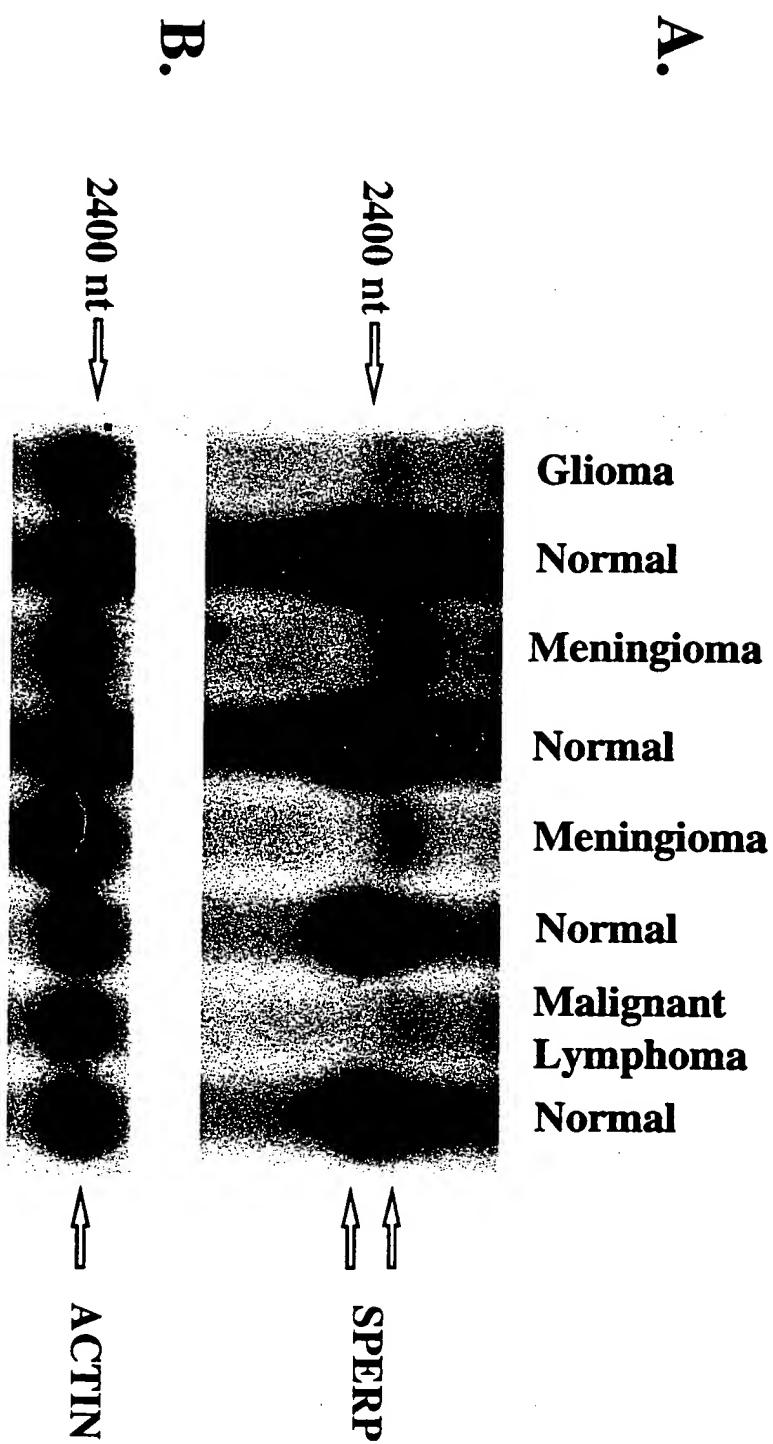


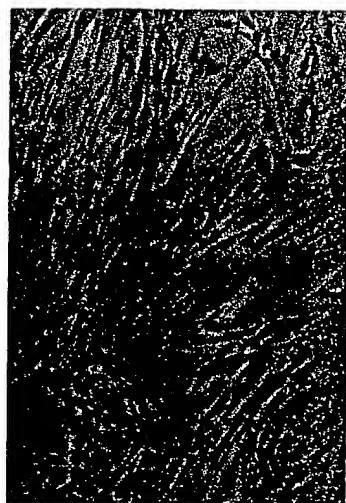
Figure 9 A



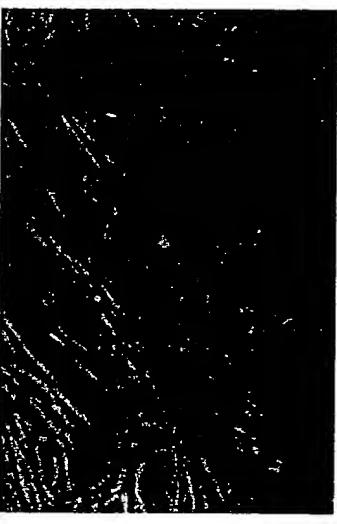
AS-3



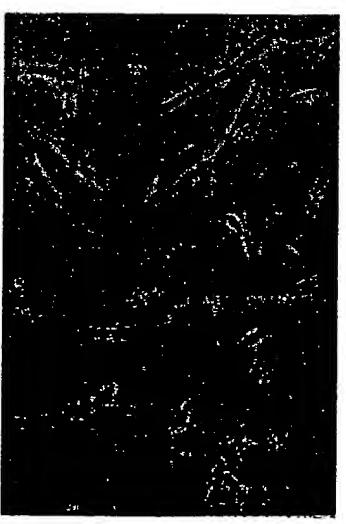
AS-1



**FITC
Control**



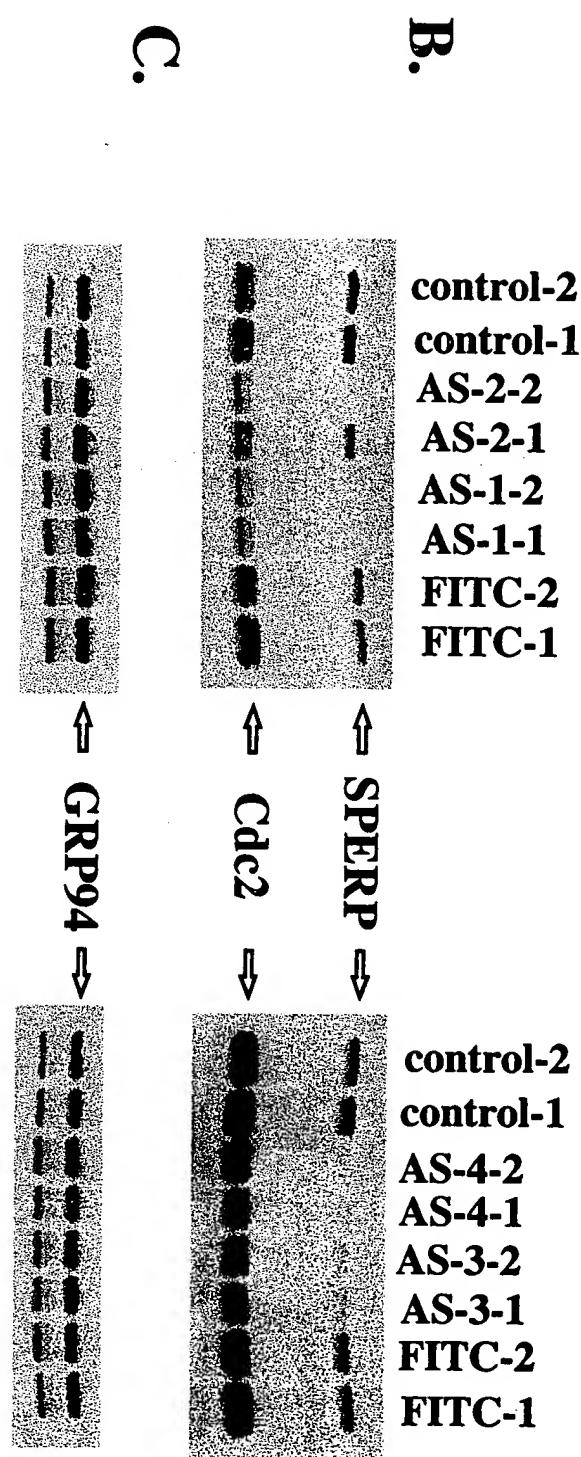
AS-4



AS-2



Figure 9



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